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Hydrolytic resistance, white bottles contacted with $\text{AlCl}_3 \cdot 6\text{H}_2\text{O}$
powder, 550°C

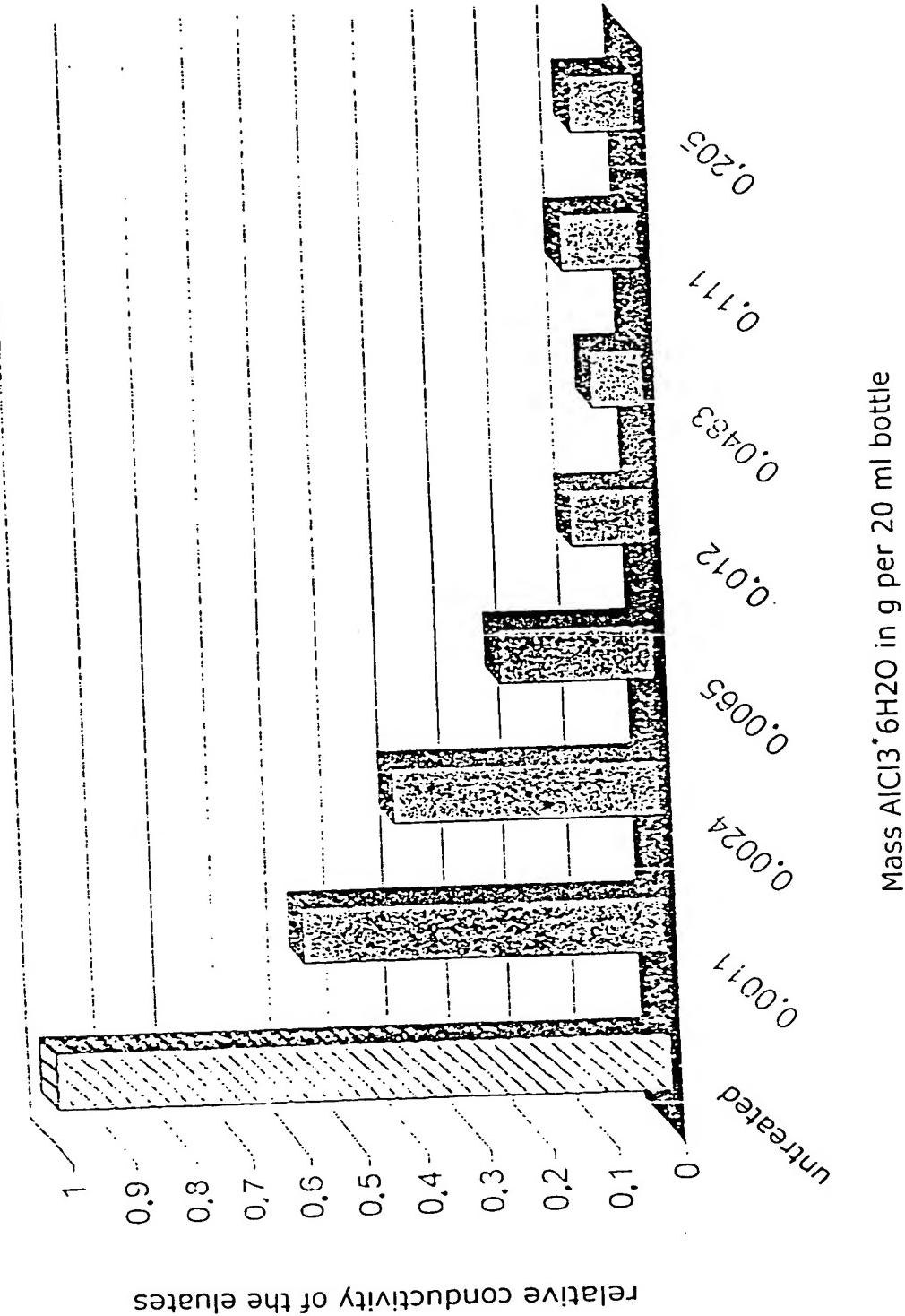
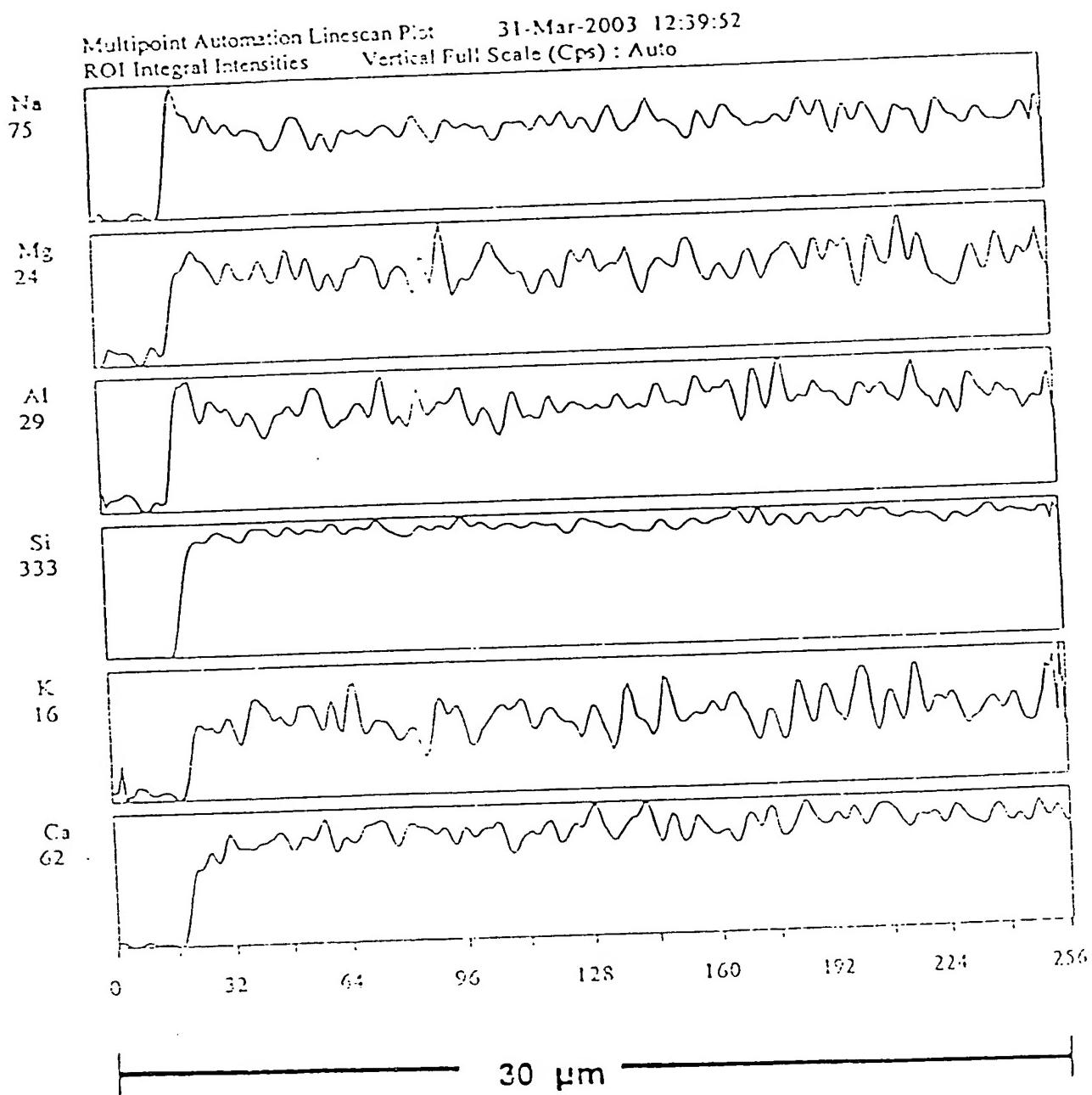


Figure 1

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White bottle, untreated

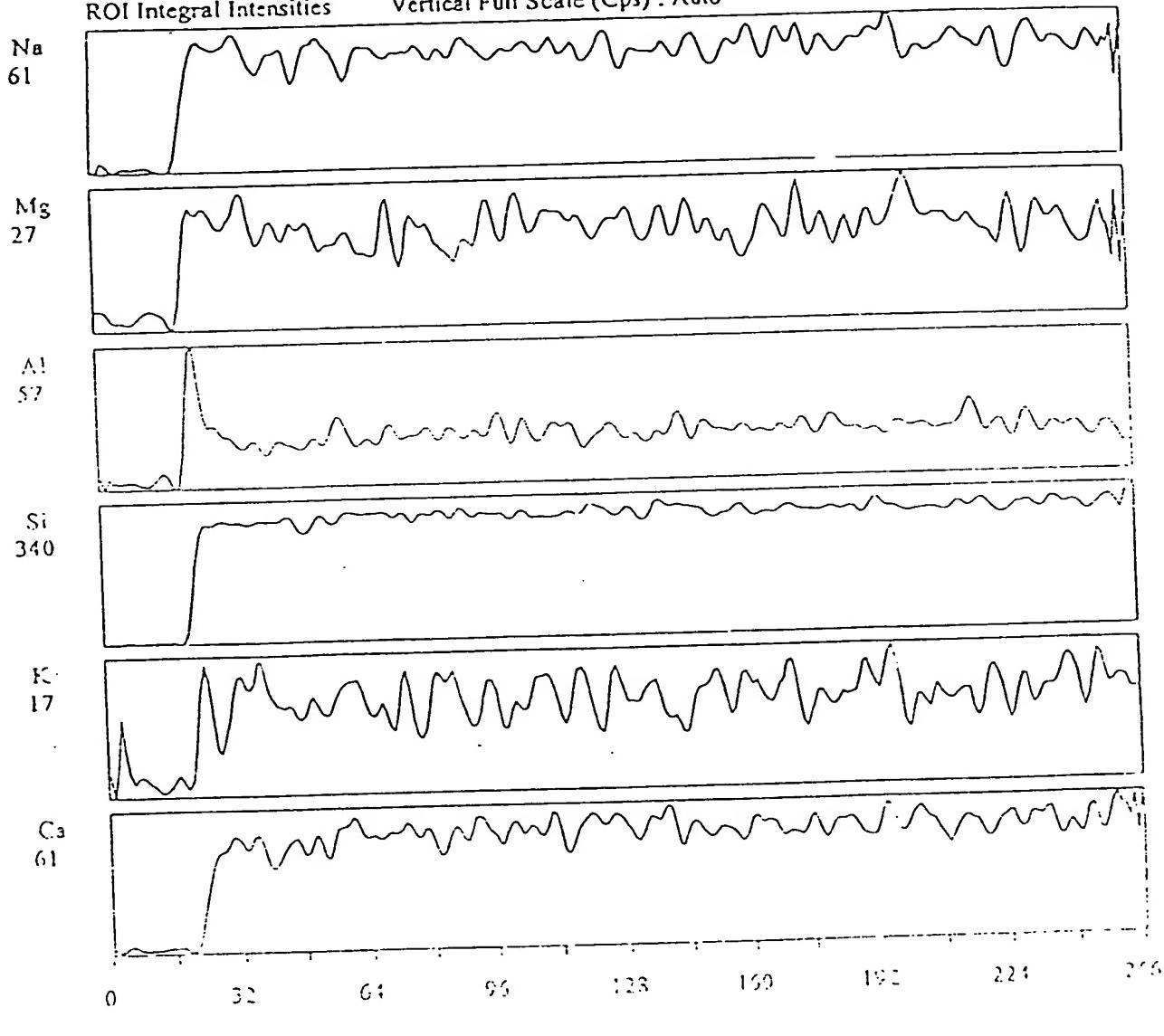
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Figure 2a

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Multipoint Automation Linescan Plot 31-Mar-2003 13:42:15
ROI Integral Intensities Vertical Full Scale (Cps) : Auto



$\approx 30 \mu\text{m}$

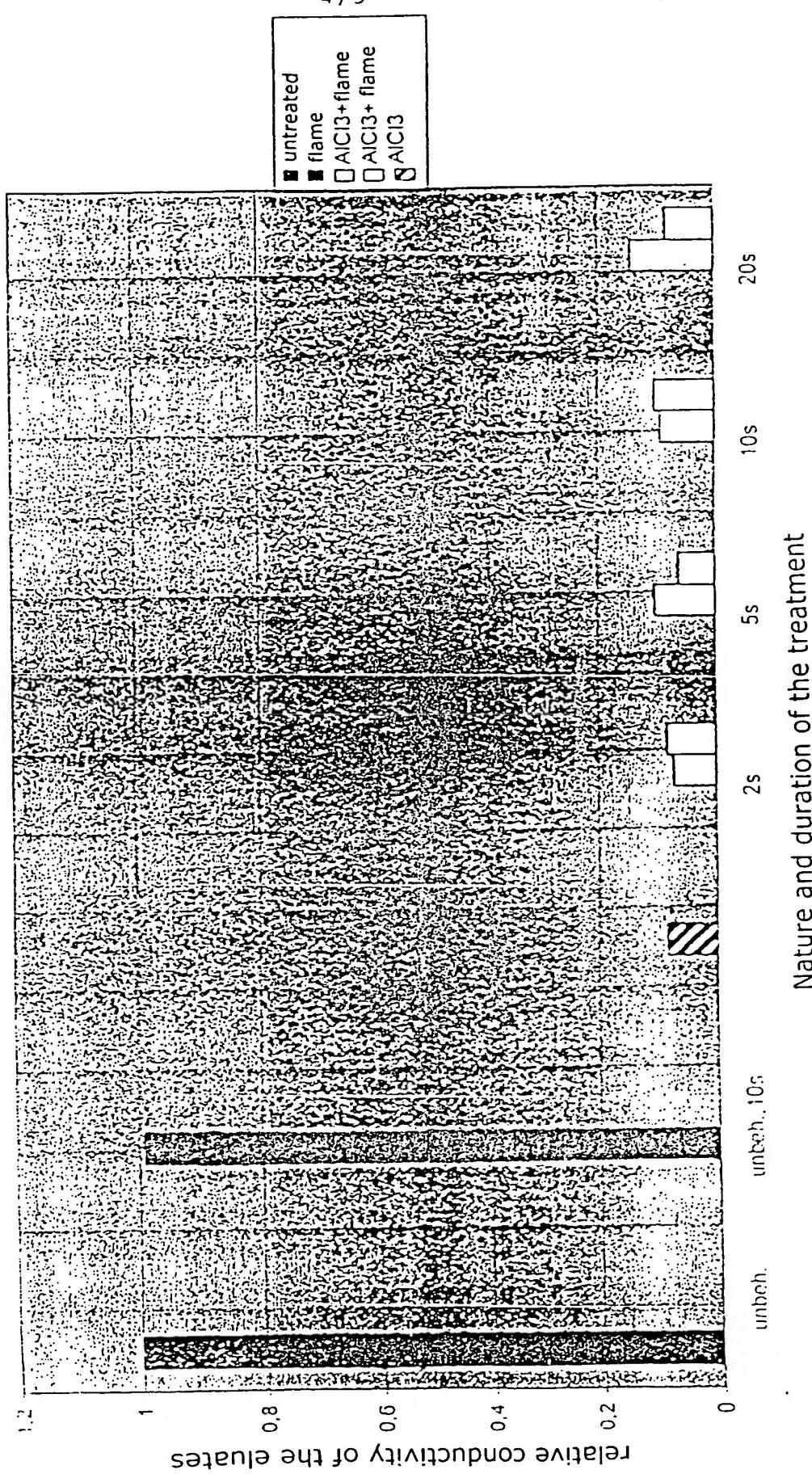
White bottle treated with AlCl_3 (water-free) out of the vapor phase at
550°C

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Figure 2b

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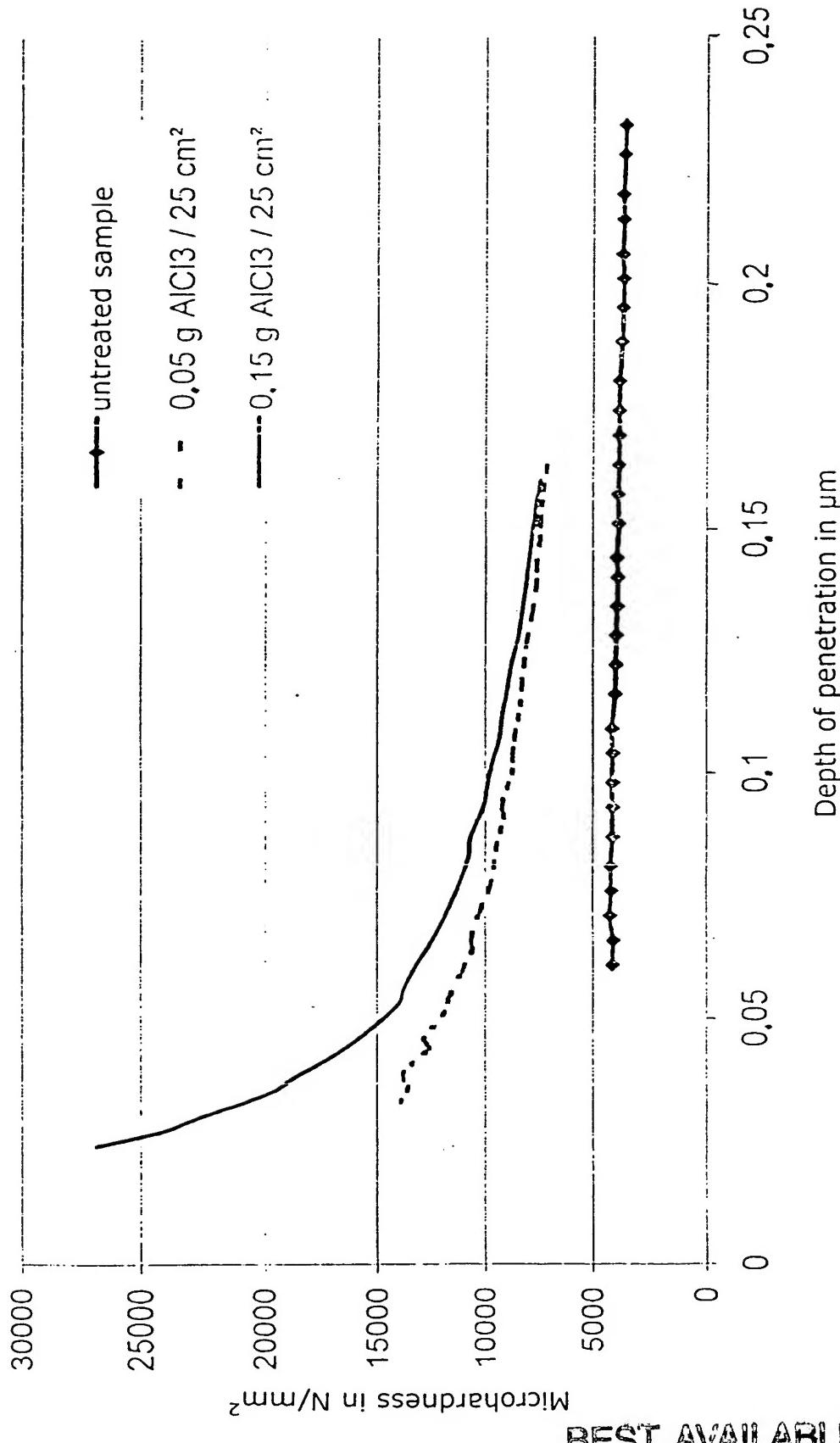
Hydrolytic resistance of white bottles (20ml) contacted with
 $\text{AlCl}_3 \cdot 6\text{H}_2\text{O}$ powder (0.01g) out of the vapor phase at 550°C for 15 min



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Variation in microhardness in dependence on the depth of penetration on lead glass treated with AlCl₃ at 470°C



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Figure 4